

SLOVENSKI STANDARD SIST EN 61360-1:2010

01-december-2010

Nadomešča:

SIST EN 61360-1:2003

SIST EN 61360-1:2003/A1:2004

Tipi standardnih podatkovnih elementov s pripadajočo klasifikacijsko shemo za električne sestavne dele - 1. del: Definicije - Načela in metode (IEC 61360-1:2009)

Standard data element types with associated classification scheme for electric items -Part 1: Definitions - Principles and methods (IEC 61360-1:2009)

iTeh STANDARD PREVIEW

Genormte Datenelementtypen mit Klassifikationsschema für elektrische Bauteile - Teil 1: Definitionen - Regeln und Methoden (IEC 61360-1:2009)

SIST EN 61360-1:2010

Types normalisés d'éléments de données avec plan de classification pour composants électriques - Partie 1: Défénitions, principes et méthodes (CEI 61360-1:2009)

Ta slovenski standard je istoveten z: EN 61360-1:2010

ICS:

01.040.29 Elektrotehnika (Slovarji) Electrical engineering

(Vocabularies)

29.100.20 Električni in elektromehanski Electrical and

electromechanical

sestavni deli

components

SIST EN 61360-1:2010 en SIST EN 61360-1:2010

iTeh STANDARD PREVIEW (standards.iteh.ai)

SIST EN 61360-1:2010

https://standards.iteh.ai/catalog/standards/sist/36a41007-9cfe-47d2-b586-c48393438f59/sist-en-61360-1-2010

EUROPEAN STANDARD

EN 61360-1

NORME EUROPÉENNE EUROPÄISCHE NORM

May 2010

ICS 31.020

Supersedes EN 61360-1:2002 + A1:2004

English version

Standard data elements types with associated classification scheme for electric items - Part 1: Definitions - Principles and methods

(IEC 61360-1:2009)

Types normalisés d'éléments de données

avec plan de classification pour composants électriques -

Partie 1: Définitions - Principes et méthodes

(CEI 61360-1:2009) Teh STANDARD P(EC 61360-1:2009)

Genormte Datenelementtypen mit Klassifikationsschema für elektrische Bauteile -

Teil 1: Definitionen -Regeln und Methoden (IEC 61360-1:2009)

(standards.iteh.ai)

SIST EN 61360-1:2010

This European Standard was approved by CENELEC on 2010-05-01, CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

CENELEC

European Committee for Electrotechnical Standardization Comité Européen de Normalisation Electrotechnique Europäisches Komitee für Elektrotechnische Normung

Management Centre: Avenue Marnix 17, B - 1000 Brussels

Foreword

The text of document 3D/169/FDIS, future edition 3 of IEC 61360-1, prepared by 3D, Data sets for libraries, of IEC TC 3, Information structures, documentation and graphical symbols, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61360-1 on 2010-05-01.

This European Standard supersedes EN 61360-1:2002 + A1:2004.

This EN 61360-1:2010 includes the following significant technical changes with respect to EN 61360-1:2002 + A1:2004 :

- extended administrative data for status and source of content;
- support of multiple language variants for data element types and classes;
- support for multiple alternative units for data element types;
- improved conventions for definition writing based on ISO 704 and ISO/IEC 11179-4;
- enhanced definitions and descriptions.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN and CENELEC shall not be held responsible for identifying any or all such patent rights.

The following dates were fixed:

- latest date by which the EN has to be implemented PREVIEW at national level by publication of an identical national standard or by endorsement
 (dop) 2011-02-01
- latest date by which the national standards conflicting 2010 with the EN have to be withdrawn ai/catalog/standards/sist/36a41007-9cfg(dow)-b586-2013-05-01 c48393438f59/sist-en-61360-1-2010

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61360-1:2009 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60191-4:1999 NOTE Harmonized as EN 60191-4:1999 (not modified).

IEC 60694 NOTE Harmonized as EN 60694.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

| <u>Publication</u> | <u>Year</u> | <u>Title</u> | EN/HD | <u>Year</u> |
|--------------------|-------------|---|--------------|-------------|
| IEC 60027 | Series | Letter symbols to be used in electrical technology | EN 60027 | Series |
| IEC 60747 | Series | Semiconductor devices | - | - |
| IEC 60748 | Series | Semiconductor devices - Integrated circuits | - | - |
| IEC 61360-2 | 2002 iT | Standard data element types with associated classification scheme for electric components - Part 2: EXPRESS dictionary schema | EN 61360-2 | 2002 |
| IEC 61360-4 | - | Standard data element types with associated classification scheme for electric components - Part 4: IEC reference collection of standard data element types and component classes | EN 61360-4 | - |
| ISO/IEC 6523-1 | https://sta | Information technology - Structure for the identification of organizations and organization parts - Part 1: Identification of organization schemes | 8 <u>6</u> - | - |
| ISO/IEC 10646-1 | - | Information technology - Universal Multiple-Octet Coded Character Set (UCS) - Part 1: Architecture and Basic Multilingual Plane | - | - |
| ISO/IEC 11179-3 | - | Information technology - Specification and standardization of data elements - Part 3: Basic attributes of data elements | - | - |
| ISO 31 | Series | Quantities and units | EN ISO 31 | Series |
| ISO 639-1 | - | Codes for the representation of names of languages - Part 1: Alpha-2 code | - | - |
| ISO 704 | - | Terminology work - Principles and methods | - | - |
| ISO 843 | 1997 | Information and documentation - Conversion of Greek characters into Latin characters | - | - |
| ISO 2382 | Series | Data processing - Vocabulary | - | - |
| ISO 3166 | Series | Codes for the representation of names of countries and their subdivisions | EN ISO 3166 | Series |
| ISO 6093 | - | Information processing - Representation of numerical values in character strings for information interchange | - | - |

| <u>Publication</u> | <u>Year</u> | <u>Title</u> | EN/HD | <u>Year</u> |
|--------------------|-------------|---|--------------|-------------|
| ISO 8601 | - | Data elements and interchange formats - Information interchange - Representation of dates and times | - | - |
| ISO 9735 | - | Electronic data interchange for administration, commerce and transport (EDIFACT) - Application level syntax rules | - | - |
| ISO 10303-21 | - | Industrial automation systems and integration - Product data representation and exchange - Part 21: Implementation methods: Clear text encoding of the exchange structure | - | - |
| ISO 13584-24 | 2003 | Industrial automation systems and integration - Parts library - Part 24: Logical resources: Logical model of supplier library | - | - |
| ISO 13584-26 | - | Industrial automation systems and integration - Parts library - Part 26: Logical resource: Information supplier identification | - | - |
| ISO 13584-42 | - | Industrial automation systems and integration - Parts library - Part 42: Description methodology: Methodology for structuring part families | - | - |
| ISO 13731 | - iT | eErgonomics of the thermal environment - F.W. Vocabulary and symbols (standards.iteh.ai) | EN ISO 13731 | - |

<u>SIST EN 61360-1:2010</u> https://standards.iteh.ai/catalog/standards/sist/36a41007-9cfe-47d2-b586-c48393438f59/sist-en-61360-1-2010



IEC 61360-1

Edition 3.0 2009-07

INTERNATIONAL STANDARD

NORME INTERNATIONALE

Standard data elements types with associated classification scheme for electric items –

Part 1: Definitions – Principles and methods

SIST EN 61360-1:2010

Types normalisés d'éléments de données avec plan de classification pour composants électriques - c48393438f59/sist-en-61360-1-2010

Partie 1: Définitions - Principes et méthodes

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

COMMISSION ELECTROTECHNIQUE INTERNATIONALE

PRICE CODE CODE PRIX

ICS 31.020 ISBN 978-2-88910-512-0

CONTENTS

| FO | REWC | DRD | | 5 |
|----|--------|-----------|--|----|
| 1 | Gene | ral | | 7 |
| | 1.1 | Scope. | | 7 |
| | 1.2 | ISO/IE | C EXPRESS information model | 7 |
| | 1.3 | Norma | tive references | 8 |
| 2 | Term | s and d | efinitions | 9 |
| 3 | Dictio | onary ide | entification | 13 |
| | 3.1 | Diction | ary supplier | 13 |
| | 3.2 | Code | | 14 |
| | 3.3 | Version | number | 14 |
| | 3.4 | Date of | f current version | 14 |
| | 3.5 | Revisio | on number | 14 |
| 4 | Data | elemen | t type specification attributes | 15 |
| | 4.1 | Informa | ation model of a data element type | 16 |
| | 4.2 | Identify | ring attributes | 17 |
| | | 4.2.1 | Code | 19 |
| | | 4.2.2 | Version number | 19 |
| | | 4.2.3 | Revision number: A. N.D. A. R.D. D. D. T. W. I.E. W. | 20 |
| | | 4.2.4 | Preferred name | 21 |
| | | 4.2.5 | Synonymous natendards.iteh.ai) | 21 |
| | | 4.2.6 | Visible from class | |
| | | 4.2.7 | Short name <u>SIST EN 61360-12010</u> | 21 |
| | | 4.2.8 | Preferred letter symbol synonymous Synony | 23 |
| | | 4.2.9 | Synonymous letter symbol | 24 |
| | 4.3 | Seman | tic attributes | 24 |
| | | 4.3.1 | Definition | 25 |
| | | 4.3.2 | Note | 26 |
| | | 4.3.3 | Remark | 26 |
| | | 4.3.4 | Formula | 26 |
| | | 4.3.5 | Figure | 26 |
| | | 4.3.6 | Source document of data element type definition | 26 |
| | 4.4 | Value a | attributes | 27 |
| | | 4.4.1 | Data type | 28 |
| | | 4.4.2 | Value format | 30 |
| | | 4.4.3 | Data type dependencies | |
| | | 4.4.4 | Unit of measure | 32 |
| | | 4.4.5 | Value list | |
| | | 4.4.6 | Referenced class identifier | |
| | 4.5 | | strative attributes | |
| | | 4.5.1 | Status level | 35 |
| | | 4.5.2 | Published in | |
| | | 4.5.3 | Published by | |
| | | 4.5.4 | Proposed on | |
| | | 4.5.5 | Released on | |
| | | 4.5.6 | Version initiated on | |
| | | 4.5.7 | Version released on | |
| | | 4.5.8 | TRANSLATION DATA | 37 |

| | | 4.5.9 | Obsolete from | 37 |
|---|------|-------------------|---|----|
| | 4.6 | Relatio | onship attributes | 37 |
| | | 4.6.1 | Condition data element type | 38 |
| | | 4.6.2 | Data element type class | 38 |
| 5 | Tran | slation o | data | 39 |
| | 5.1 | Admin | istrative translation data attributes | 39 |
| | | 5.1.1 | Translation revision | |
| | | 5.1.2 | Language | |
| | | 5.1.3 | Date of current translation revision | |
| | | 5.1.4 | Responsible translator coded | |
| | | 5.1.5 | Responsible translator | |
| | 5.2 | | age dependent attributes of a data element type | |
| | 5.3 | _ | age dependent attributes of an item class | |
| | 5.4 | | age dependent attributes of a drawing | |
| 6 | | - | It type classification | |
| | 6.1 | | ive | |
| | 6.2 | • | al principles | |
| | 6.3 | | itative data element types | |
| | 6.4 | | uantitative data element types | |
| 7 | | | • | |
| • | 7 1 | llee of | pecificationauxiliary schemes for classification and coding of values | 45 |
| | 7.1 | | ass specification attributes reds.iteh.ai | |
| | 7.3 | Inform | ation model of an item class | 46 |
| | 7.4 | | ying attributesSIST.EN 61360-12010 | |
| | 7.4 | 7.4.1 | Code//standards.iteh.ai/catalog/standards/sist/36a41007-9cfe-47d2-b586- | |
| | | 7.4.2 | Version number ^{48393438f59} /sist-en-61360-1-2010 | |
| | | 7.4.3 | Revision number | |
| | | 7.4.4 | Preferred name | |
| | | 7.4.5 | Coded name | |
| | | 7.4.6 | Synonymous name | |
| | 7.5 | | ntic attributes | |
| | 7.0 | 7.5.1 | Definition | |
| | | 7.5.2 | Note | |
| | | 7.5.3 | Remark | |
| | | 7.5.4 | Drawing reference | |
| | | 7.5.5 | Source document of class definition | |
| | 7.6 | | istrative attributes | |
| | 7.7 | | onship attributes | |
| | | 7.7.1 | Classifying data element type | |
| | | 7.7.2 | Applicable data element type | |
| | | 7.7.3 | Superclass | |
| | | 7.7.4 | Subclass | |
| 8 | Draw | | cification attributes | |
| Ū | 8.1 | | ation model of a drawing | |
| | 0.1 | 8.1.1 | Code | |
| | | 8.1.2 | Version number | |
| | | 8.1.3 | Revision number | |
| | | 8.1.4 | Drawing title | |
| | | 8.1. 4 | Descriptive designator | |
| | | 0.1.0 | Descriptive designator | |

| 8.1.6 File name | 56 |
|--|----|
| 8.1.7 File format | 56 |
| 8.2 Administrative attributes | |
| Annex A (normative) Characters from ISO/IEC 10646-1 | 58 |
| Annex B (normative) Survey of type classification codes of quantitative data element types | 62 |
| Annex C (normative) Survey of type classification codes of non-quantitative data | 02 |
| element types (main class A) | 72 |
| Annex D (informative) Example of a feature class construct | 73 |
| Annex E (informative) Rules for defining new versions and/or revision of dictionary | |
| elements | 77 |
| Annex F (informative) Classifying DETs | 80 |
| Annex G (informative) Conventions for names and definitions | |
| Bibliography | 84 |
| | |
| Figure 1 – Information model principle | 17 |
| Figure 2 – Identifying attributes for data element type | 18 |
| Figure 3 – Semantic attributes for data element type | 24 |
| Figure 4 – Value attributes for data element type | 27 |
| Figure 5 – Attributes of the value list for data element type.E.VE.W | |
| Figure 6 – Administrative attributes for data element type | 35 |
| Figure 7 – Relationship attributes for data element type | 37 |
| Figure 8 – Administrative attributes footranslation datal | 39 |
| Figure 9 – Classification tree | 44 |
| Figure 10 – Identifying attributes for item class | 47 |
| Figure 11 – Semantic attributes for item class | 50 |
| Figure 12 – Administrative attributes for item class | 51 |
| Figure 13 – Class relationships | 52 |
| Figure 14 – Identifying attributes for drawing | 54 |
| Figure 15 – Administrative attributes for drawing | 57 |
| | |
| Table 1 – List of attributes of data element types as defined in IEC 61360-1 and their equivalent in IEC 61360-2 | 15 |
| Table 2 – Global unique identification | 18 |
| Table 3 – Transliteration | 23 |
| Table 4 – Data type dependencies | 32 |
| Table 5 – Survey of main classes and categories of data element types | 42 |
| Table 6 – List of attributes of item class as defined in IEC 61360-1 and their equivalent in IEC 61360-2 | 46 |
| Table 7 – List of attributes of drawing | |
| Table A.1 – Group 00 – Plane 00 | |
| Table C.1 – Survey of type classification codes of non-quantitative data element types | |
| (main class A) | 72 |
| Table E.1 – Overview of configuration management in DET updating operations | 78 |
| Table E.2 – Overview of configuration management in class updating operations | 79 |
| Table G.1 – Example of the DET name structure for electrical quantitative DETs | 83 |

INTERNATIONAL ELECTROTECHNICAL COMMISSION

STANDARD DATA ELEMENTS TYPES WITH ASSOCIATED CLASSIFICATION SCHEME FOR ELECTRIC ITEMS –

Part 1: Definitions – Principles and methods

FOREWORD

- 1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
- 2) The formal decisions or agreements of IEC on technical matters express, as nearly as possible, an international consensus of opinion on the relevant subjects since each technical committee has representation from all interested IEC National Committees.
- 3) IEC Publications have the form of recommendations for international use and are accepted by IEC National Committees in that sense. While all reasonable efforts are made to ensure that the technical content of IEC Publications is accurate, IEC cannot be held responsible for the way in which they are used or for any misinterpretation by any end user.
- 4) In order to promote international uniformity, IEC National Committees undertake to apply IEC Publications transparently to the maximum extent possible in their national and regional publications. Any divergence between any IEC Publication and the corresponding national or regional publication shall be clearly indicated in the latter.

 (4839343859/sist-en-61360-1-2010
- 5) IEC provides no marking procedure to indicate its approval and cannot be rendered responsible for any equipment declared to be in conformity with an IEC Publication.
- 6) All users should ensure that they have the latest edition of this publication.
- 7) No liability shall attach to IEC or its directors, employees, servants or agents including individual experts and members of its technical committees and IEC National Committees for any personal injury, property damage or other damage of any nature whatsoever, whether direct or indirect, or for costs (including legal fees) and expenses arising out of the publication, use of, or reliance upon, this IEC Publication or any other IEC Publications.
- 8) Attention is drawn to the Normative references cited in this publication. Use of the referenced publications is indispensable for the correct application of this publication.
- 9) Attention is drawn to the possibility that some of the elements of this IEC Publication may be the subject of patent rights. IEC shall not be held responsible for identifying any or all such patent rights.

International Standard IEC 61360-1 has been prepared by subcommittee 3D, Data sets for libraries, of IEC technical committee 3: Information structures, documentation and graphical symbols.

This third edition cancels and replaces the second edition published in 2002, and its Amendment 1(2003). It is a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- extended administrative data for status and source of content;
- support of multiple language variants for data element types and classes;
- support for multiple alternative units for data element types;
- improved conventions for definition writing based on ISO 704 and ISO/IEC 11179-4;
- enhanced definitions and descriptions.

61360-1 © IEC:2009

-6-

The text of this standard is based on the following documents:

| FDIS | Report on voting |
|-------------|------------------|
| 3D/169/FDIS | 3D/172/RVD |

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts of the IEC 61360 series can be found, under the general title Standard data elements types with associated classification scheme for electric items, on the IEC website.

Future standards in this series will carry the new general title as cited above. Titles of existing standards in this series will be updated at the time of the next edition.

The committee has decided that the contents of this publication will remain unchanged until the maintenance result date indicated on the IEC web site under "http://webstore.iec.ch" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, prANDARD PREVIEW

(standards.iteh.ai)

SIST EN 61360-1:2010 https://standards.iteh.ai/catalog/standards/sist/36a41007-9cfe-47d2-b586c48393438f59/sist-en-61360-1-2010

STANDARD DATA ELEMENTS TYPES WITH ASSOCIATED CLASSIFICATION SCHEME FOR ELECTRIC ITEMS –

Part 1: Definitions – Principles and methods

1 General

1.1 Scope

This part of IEC 61360 provides a firm basis for the clear and unambiguous definition of characteristic properties (data element types) of all elements of electrotechnical systems from basic components to sub-assemblies and full systems. Although originally conceived in the context of providing a basis for the exchange of information on electric/electronic components, the principles and methods of this standard may be used in areas outside the original conception such as assemblies of components and electrotechnical systems and subsystems.

In addition, this standard provides for establishing a classification hierarchy and the allocation of applicable and relevant properties to each of the classes so established in order to describe fully the characteristics of objects belonging to that class.

Use of this standard facilitates the exchange of data describing electrotechnical systems through a defined structure for the information to be exchanged in a computer-sensible form. Each property to be exchanged will have an unambiguously defined meaning and consistent naming, where relevant a defined value list, a prescribed format and defined units of measure for all quantitative values. There is also provision for:

- control of changes to definitions of the properties through version and revision numbers;
- inclusion of notes and remarks to clarify and help in the application of the definitions;
- indication of the sources of definitions and value lists;
- associated figures and formulae.

NOTE IEC TCs and SCs, or other organizations may take this part of IEC 61360 as a basis for the development of their own dictionaries.

1.2 ISO/IEC EXPRESS information model

Closely associated with this part of IEC 61360 is IEC 61360-2. This part contains the information model, using the EXPRESS modelling language. In this model, the definition and structure of IEC 61360-1 is formalized and presented in a computer-sensible form. Use of this information model allows dictionary information to be exchanged between different systems using the STEP physical file format as defined in ISO 10303-21.

This information model has also been accepted as the common information model with ISO/TC184/SC4 and is reproduced as ISO 13584-42. Use may be made of other standards in the ISO 13584 series of standards for extension of the concepts defined in this standard. In particular ISO 13584-24 contains provisions which allow:

- extensions of the class structure to include feature and functional model classes:
- tabulation of properties;
- functional relationships among properties;
- references to graphical information;
- structuring of parts libraries.

NOTE This part of IEC 61360 is intended to be compliant with the upcoming Edition 3 of IEC 61360-2 and Edition 2 of ISO 13584-42.

1.3 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 60027 (all parts), Letter symbols to be used in electrical technology

IEC 61360-2:2002, Standard data element types with associated classification scheme for electric components – Part 2: EXPRESS dictionary schema (available in English only)

IEC 61360-4, Standard data element types with associated classification scheme for electric components – Part 4: IEC reference collection of standard data element types and component classes (available in English only)¹

IEC 60747(all parts), Semiconductor devices

IEC 60748(all parts), Semiconductor devices – Integrated circuits

ISO 31(all parts), Quantities and units

ISO 639-1, Codes for the representation of names of languages — Part 1: Alpha-2 code

ISO 704, Terminology work – Principles and methods

ISO 843:1997, Information and documentation — Conversion of Greek characters into Latin characters https://standards.itch.ai/catalog/standards/sist/36a41007-9cfe-47d2-b586-c48393438f59/sist-en-61360-1-2010

ISO 2382 (all parts), Information processing systems – Vocabulary

ISO 3166 (all parts), Codes for the representation of names of countries and their subdivisions

ISO 6093, Information processing – Representation of numerical values in character strings for information interchange

ISO 8601, Data elements and interchange formats – Information interchange – Representation of dates and times

ISO 9735, Electronic data interchange for administration, commerce and transport (EDIFACT) – Application level syntax rules²

ISO 10303-21, Industrial automation systems and integration – Product data representation and exchange – Part 21: Implementation methods: Clear text encoding of the exchange structure

ISO 13584-24:2003, Industrial automation systems and integration – Parts library – Part 24: Logical resource: Logical model of supplier library

¹ This publication was withdrawn and replaced by IEC CDD (see bibliography)...

² This normative reference is based on the Trade Data Elements Directory (TDED) of the United Nations Economic Commission for Europe (UNECE), Trade Facilitation.

ISO 13584-26, Industrial automation systems and integration – Parts library – Part 26: Logical resource: Information supplier identification

ISO 13584-42, Industrial automation systems and integration – Parts library – Part 42: Description methodology: Methodology for structuring part families

ISO 13731, Ergonomics of the thermal environment – Vocabulary and symbols

ISO/IEC 6523-1, Information technology – Structure for the identification of organizations and organization parts – Part 1: Identification of organization identification schemes

ISO/IEC 10646-1,Information technology – Universal Multiple-Octet Coded Character set (UCS) – Part 1: Architecture and Basic Multilingual Plane

ISO/IEC 11179-3, Information technology – Metadata registries (MDR) – Part 3:Registry metamodel and basic attributes

2 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

NOTE The definitions are presented in a logical order, an alphabetic list is included.

Alphabetic list of the terms STANDARD PREVIEW

| applicable data element type (standards.iteh.ai) | 2.23 |
|---|------|
| attribute | 2.12 |
| SIST EN 61360-1:2010 classificationhttps://standards.iteh.ai/catalog/standards/sist/36a41007-9cfe-47d2-b586 | 2.9 |
| classifying data element typec48393438t59/sist-en-61360-1-2010. | |
| component | |
| computer-sensible information | |
| condition data element type | |
| data element type | 2.3 |
| data element type class | 2.4 |
| drawing | 2.28 |
| electric component | 2.18 |
| electric item | 2.14 |
| entity | 2.1 |
| feature | 2.20 |
| geometry | 2.21 |
| item | 2.13 |
| item class | 2.15 |
| limiting value | 2.33 |
| material | 2.19 |
| maximum value (max) | 2.30 |
| minimum value (min) | 2.29 |
| nominal value (nom) | 2.32 |
| non-quantitative data element type | 2.6 |
| outline style | 2.26 |